

FEE TRANSMITTAL		Complete if Known	
		Application Number	Not Yet Assigned
		Filing Date	Concurrently Herewith
		First Named Inventor	K. ABE et al.
		Group Art Unit	Unknown
		Examiner Name	Unknown
TOTAL AMOUNT OF PAYMENT (\$1432.00)		Attorney Docket Number	P19976

METHOD OF PAYMENT (check one)	FEE CALCULATION (continued)																																																																																																																																																																																																																																																																																																							
<p>1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:</p> <p>Deposit Account Number <u>19-0089</u></p> <p>Deposit Account Name <u>GREENBLUM & BERNSTEIN, P.L.C.</u></p> <p><input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17, including any required extension of time fees in any concurrent or future reply requiring a petition for extension of time for its timely submission (37 CFR 1.136(a)(3))</p> <p><input type="checkbox"/> Charge the Issue Fee Set in 37 CFR 1.18 at the Mailing of the Notice of Allowance, 37 CFR 1.311(b)</p> <p><input checked="" type="checkbox"/> Payment Enclosed:</p> <p style="margin-left: 20px;"> <input checked="" type="checkbox"/> Check <input type="checkbox"/> Money Order <input type="checkbox"/> Other </p> <p style="text-align: center;">FEE CALCULATION (fees effective 11/13/99)</p> <table style="width:100%; border-collapse: collapse;"> <tr> <th style="text-align: left;">1. FILING FEE</th> <th>Large Fee Code</th> <th>Entity Fee (\$)</th> <th>Small Fee Code</th> <th>Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> <tr> <td></td> <td>101</td> <td>690</td> <td>201</td> <td>345</td> <td>Utility filing fee</td> <td>690</td> </tr> <tr> <td></td> <td>106</td> <td>310</td> <td>206</td> <td>155</td> <td>Design filing fee</td> <td></td> </tr> <tr> <td></td> <td>107</td> <td>480</td> <td>207</td> <td>240</td> <td>Plant filing fee</td> <td></td> </tr> <tr> <td></td> <td>108</td> <td>690</td> <td>208</td> <td>345</td> <td>Reissue filing fee</td> <td></td> </tr> <tr> <td></td> <td>114</td> <td>150</td> <td>214</td> <td>75</td> <td>Provisional filing fee</td> <td></td> </tr> <tr> <td colspan="5" style="text-align: right;">SUBTOTAL (1)</td> <td>(\$)</td> <td>690</td> </tr> </table> <p>CLAIMS</p> <table style="width:100%; border-collapse: collapse;"> <tr> <th>Total Claims</th> <th>Extra</th> <th>Fee from below</th> <th>Fee Paid</th> </tr> <tr> <td>19 -20=</td> <td>0</td> <td>x 18 =</td> <td>0</td> </tr> <tr> <td>Independent Claims 12 -3=</td> <td>9</td> <td>x 78 =</td> <td>702</td> </tr> <tr> <td>Multiple Dependent Claims</td> <td></td> <td>x 260 =</td> <td>0</td> </tr> </table> <table style="width:100%; border-collapse: collapse;"> <tr> <th>Large Fee Code</th> <th>Entity Fee (\$)</th> <th>Small Fee Code</th> <th>Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> <tr> <td>103</td> <td>18</td> <td>203</td> <td>9</td> <td>Claims in excess of 20</td> <td></td> </tr> <tr> <td>102</td> <td>78</td> <td>202</td> <td>39</td> <td>Independent claims in excess of 3</td> <td></td> </tr> <tr> <td>104</td> <td>260</td> <td>204</td> <td>130</td> <td>Multiple dependent claim</td> <td></td> </tr> <tr> <td>109</td> <td>78</td> <td>209</td> <td>39</td> <td>Reissue independent claims over original patent</td> <td></td> </tr> <tr> <td>110</td> <td>18</td> <td>210</td> <td>9</td> <td>Reissue claims in excess of 20 and over original patent</td> <td></td> </tr> <tr> <td colspan="5" style="text-align: right;">SUBTOTAL (2)</td> <td>(\$)</td> <td>702</td> </tr> </table>	1. FILING FEE	Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid		101	690	201	345	Utility filing fee	690		106	310	206	155	Design filing fee			107	480	207	240	Plant filing fee			108	690	208	345	Reissue filing fee			114	150	214	75	Provisional filing fee		SUBTOTAL (1)					(\$)	690	Total Claims	Extra	Fee from below	Fee Paid	19 -20=	0	x 18 =	0	Independent Claims 12 -3=	9	x 78 =	702	Multiple Dependent Claims		x 260 =	0	Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid	103	18	203	9	Claims in excess of 20		102	78	202	39	Independent claims in excess of 3		104	260	204	130	Multiple dependent claim		109	78	209	39	Reissue independent claims over original patent		110	18	210	9	Reissue claims in excess of 20 and over original patent		SUBTOTAL (2)					(\$)	702	<p>3. ADDITIONAL FEES</p> <table style="width:100%; border-collapse: collapse;"> <tr> <th>Large Fee Code</th> <th>Entity Fee (\$)</th> <th>Small Fee Code</th> <th>Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> <tr> <td>105</td> <td>130</td> <td>205</td> <td>65</td> <td>Surcharge - late filing fee or oath</td> <td></td> </tr> <tr> <td>127</td> <td>50</td> <td>227</td> <td>25</td> <td>Surcharge - late provisional filing fee or cover sheet.</td> <td></td> </tr> <tr> <td>139</td> <td>130</td> <td>139</td> <td>130</td> <td>Non-English specification</td> <td></td> </tr> <tr> <td>147</td> <td>2,520</td> <td>147</td> <td>2,520</td> <td>For filing a request for reexamination</td> <td></td> </tr> <tr> <td>112</td> <td>900*</td> <td>112</td> <td>900*</td> <td>Requesting publication of SIR</td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td>Prior to Examiner action</td> <td></td> </tr> <tr> <td>113</td> <td>1,840*</td> <td>113</td> <td>1,840*</td> <td>Requesting publication of SIR after Examiner action</td> <td></td> </tr> <tr> <td>115</td> <td>110</td> <td>215</td> <td>55</td> <td>Extension for response within 1st month</td> <td></td> </tr> <tr> <td>116</td> <td>380</td> <td>216</td> <td>190</td> <td>Extension for response within 2nd month</td> <td></td> </tr> <tr> <td>117</td> <td>870</td> <td>217</td> <td>435</td> <td>Extension for response within 3rd month</td> <td></td> </tr> <tr> <td>118</td> <td>1,360</td> <td>218</td> <td>680</td> <td>Extension for response within 4th month</td> <td></td> </tr> <tr> <td>128</td> <td>1,850</td> <td>228</td> <td>925</td> <td>Extension for response within 5th month</td> <td></td> </tr> <tr> <td>119</td> <td>300</td> <td>219</td> <td>150</td> <td>Notice of Appeal</td> <td></td> </tr> <tr> <td>120</td> <td>300</td> <td>220</td> <td>150</td> <td>Filing a brief in support of an appeal</td> <td></td> </tr> <tr> <td>121</td> <td>260</td> <td>221</td> <td>130</td> <td>Request for oral hearing</td> <td></td> </tr> <tr> <td>138</td> <td>1,510</td> <td>138</td> <td>1,510</td> <td>Petition to institute a public use proceeding</td> <td></td> </tr> <tr> <td>140</td> <td>110</td> <td>240</td> <td>55</td> <td>Petition to revive unavoidably abandoned application</td> <td></td> </tr> <tr> <td>141</td> <td>1,210</td> <td>241</td> <td>605</td> <td>Petition to revive unintentionally abandoned application</td> <td></td> </tr> <tr> <td>142</td> <td>1,210</td> <td>242</td> <td>605</td> <td>Utility issue fee (or reissue)</td> <td></td> </tr> <tr> <td>143</td> <td>430</td> <td>243</td> <td>215</td> <td>Design issue fee</td> <td></td> </tr> <tr> <td>144</td> <td>580</td> <td>244</td> <td>290</td> <td>Plant issue fee</td> <td></td> </tr> <tr> <td>122</td> <td>130</td> <td>122</td> <td>130</td> <td>Petitions to the Commissioner</td> <td></td> </tr> <tr> <td>123</td> <td>50</td> <td>123</td> <td>50</td> <td>Petitions related to provisional applications</td> <td></td> </tr> <tr> <td>126</td> <td>240</td> <td>126</td> <td>240</td> <td>Submission of IDS</td> <td></td> </tr> <tr> <td>581</td> <td>40</td> <td>581</td> <td>40</td> <td>Recording each patent assignment per property (times number of properties)</td> <td>40</td> </tr> <tr> <td>146</td> <td>760</td> <td>246</td> <td>380</td> <td>Filing a submission after final rejection (37 CFR 1.129(a))</td> <td></td> </tr> <tr> <td>149</td> <td>760</td> <td>249</td> <td>380</td> <td>For each additional invention to be examined (37 CFR 1.129(b))</td> <td></td> </tr> <tr> <td colspan="5">Other fee (specify) _____</td> <td></td> </tr> <tr> <td colspan="5">Other fee (specify) _____</td> <td></td> </tr> <tr> <td colspan="5" style="text-align: right;">SUBTOTAL (3)</td> <td>(\$)</td> <td>40</td> </tr> </table> <p>*Reduced by Basic Filing Fee paid</p>	Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid	105	130	205	65	Surcharge - late filing fee or oath		127	50	227	25	Surcharge - late provisional filing fee or cover sheet.		139	130	139	130	Non-English specification		147	2,520	147	2,520	For filing a request for reexamination		112	900*	112	900*	Requesting publication of SIR						Prior to Examiner action		113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action		115	110	215	55	Extension for response within 1st month		116	380	216	190	Extension for response within 2nd month		117	870	217	435	Extension for response within 3rd month		118	1,360	218	680	Extension for response within 4th month		128	1,850	228	925	Extension for response within 5th month		119	300	219	150	Notice of Appeal		120	300	220	150	Filing a brief in support of an appeal		121	260	221	130	Request for oral hearing		138	1,510	138	1,510	Petition to institute a public use proceeding		140	110	240	55	Petition to revive unavoidably abandoned application		141	1,210	241	605	Petition to revive unintentionally abandoned application		142	1,210	242	605	Utility issue fee (or reissue)		143	430	243	215	Design issue fee		144	580	244	290	Plant issue fee		122	130	122	130	Petitions to the Commissioner		123	50	123	50	Petitions related to provisional applications		126	240	126	240	Submission of IDS		581	40	581	40	Recording each patent assignment per property (times number of properties)	40	146	760	246	380	Filing a submission after final rejection (37 CFR 1.129(a))		149	760	249	380	For each additional invention to be examined (37 CFR 1.129(b))		Other fee (specify) _____						Other fee (specify) _____						SUBTOTAL (3)					(\$)	40
1. FILING FEE	Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid																																																																																																																																																																																																																																																																																																		
	101	690	201	345	Utility filing fee	690																																																																																																																																																																																																																																																																																																		
	106	310	206	155	Design filing fee																																																																																																																																																																																																																																																																																																			
	107	480	207	240	Plant filing fee																																																																																																																																																																																																																																																																																																			
	108	690	208	345	Reissue filing fee																																																																																																																																																																																																																																																																																																			
	114	150	214	75	Provisional filing fee																																																																																																																																																																																																																																																																																																			
SUBTOTAL (1)					(\$)	690																																																																																																																																																																																																																																																																																																		
Total Claims	Extra	Fee from below	Fee Paid																																																																																																																																																																																																																																																																																																					
19 -20=	0	x 18 =	0																																																																																																																																																																																																																																																																																																					
Independent Claims 12 -3=	9	x 78 =	702																																																																																																																																																																																																																																																																																																					
Multiple Dependent Claims		x 260 =	0																																																																																																																																																																																																																																																																																																					
Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid																																																																																																																																																																																																																																																																																																			
103	18	203	9	Claims in excess of 20																																																																																																																																																																																																																																																																																																				
102	78	202	39	Independent claims in excess of 3																																																																																																																																																																																																																																																																																																				
104	260	204	130	Multiple dependent claim																																																																																																																																																																																																																																																																																																				
109	78	209	39	Reissue independent claims over original patent																																																																																																																																																																																																																																																																																																				
110	18	210	9	Reissue claims in excess of 20 and over original patent																																																																																																																																																																																																																																																																																																				
SUBTOTAL (2)					(\$)	702																																																																																																																																																																																																																																																																																																		
Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid																																																																																																																																																																																																																																																																																																			
105	130	205	65	Surcharge - late filing fee or oath																																																																																																																																																																																																																																																																																																				
127	50	227	25	Surcharge - late provisional filing fee or cover sheet.																																																																																																																																																																																																																																																																																																				
139	130	139	130	Non-English specification																																																																																																																																																																																																																																																																																																				
147	2,520	147	2,520	For filing a request for reexamination																																																																																																																																																																																																																																																																																																				
112	900*	112	900*	Requesting publication of SIR																																																																																																																																																																																																																																																																																																				
				Prior to Examiner action																																																																																																																																																																																																																																																																																																				
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action																																																																																																																																																																																																																																																																																																				
115	110	215	55	Extension for response within 1st month																																																																																																																																																																																																																																																																																																				
116	380	216	190	Extension for response within 2nd month																																																																																																																																																																																																																																																																																																				
117	870	217	435	Extension for response within 3rd month																																																																																																																																																																																																																																																																																																				
118	1,360	218	680	Extension for response within 4th month																																																																																																																																																																																																																																																																																																				
128	1,850	228	925	Extension for response within 5th month																																																																																																																																																																																																																																																																																																				
119	300	219	150	Notice of Appeal																																																																																																																																																																																																																																																																																																				
120	300	220	150	Filing a brief in support of an appeal																																																																																																																																																																																																																																																																																																				
121	260	221	130	Request for oral hearing																																																																																																																																																																																																																																																																																																				
138	1,510	138	1,510	Petition to institute a public use proceeding																																																																																																																																																																																																																																																																																																				
140	110	240	55	Petition to revive unavoidably abandoned application																																																																																																																																																																																																																																																																																																				
141	1,210	241	605	Petition to revive unintentionally abandoned application																																																																																																																																																																																																																																																																																																				
142	1,210	242	605	Utility issue fee (or reissue)																																																																																																																																																																																																																																																																																																				
143	430	243	215	Design issue fee																																																																																																																																																																																																																																																																																																				
144	580	244	290	Plant issue fee																																																																																																																																																																																																																																																																																																				
122	130	122	130	Petitions to the Commissioner																																																																																																																																																																																																																																																																																																				
123	50	123	50	Petitions related to provisional applications																																																																																																																																																																																																																																																																																																				
126	240	126	240	Submission of IDS																																																																																																																																																																																																																																																																																																				
581	40	581	40	Recording each patent assignment per property (times number of properties)	40																																																																																																																																																																																																																																																																																																			
146	760	246	380	Filing a submission after final rejection (37 CFR 1.129(a))																																																																																																																																																																																																																																																																																																				
149	760	249	380	For each additional invention to be examined (37 CFR 1.129(b))																																																																																																																																																																																																																																																																																																				
Other fee (specify) _____																																																																																																																																																																																																																																																																																																								
Other fee (specify) _____																																																																																																																																																																																																																																																																																																								
SUBTOTAL (3)					(\$)	40																																																																																																																																																																																																																																																																																																		

SUBMITTED BY				Complete (if applicable)	
Typed or Printed Name		Bruce H. Bernstein		Reg. Number	29,027
Signature		Reg. No.	Date	Deposit Account User ID	

33,329